

A Crash Course in P2



DSHE Pollution Prevention Program

There are **2** Primary Ways
of



**Preventing
Pollution**

Source Reduction

**Material
Substitution**

There are



7

**P2
Techniques**

Policy or Procedural Change

Equipment Change

Material Substitution

Material Reuse

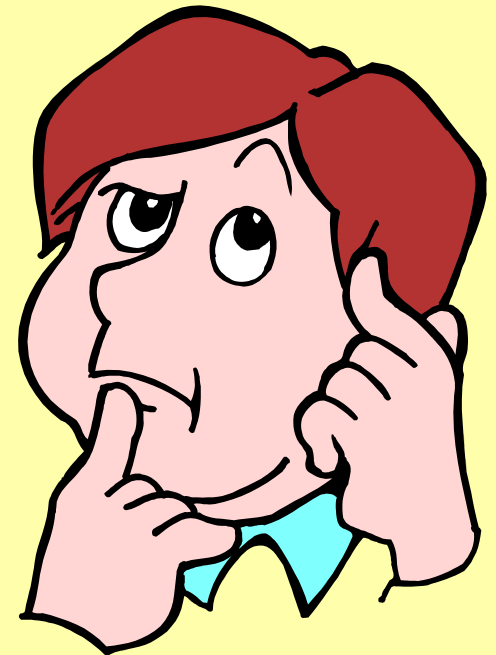
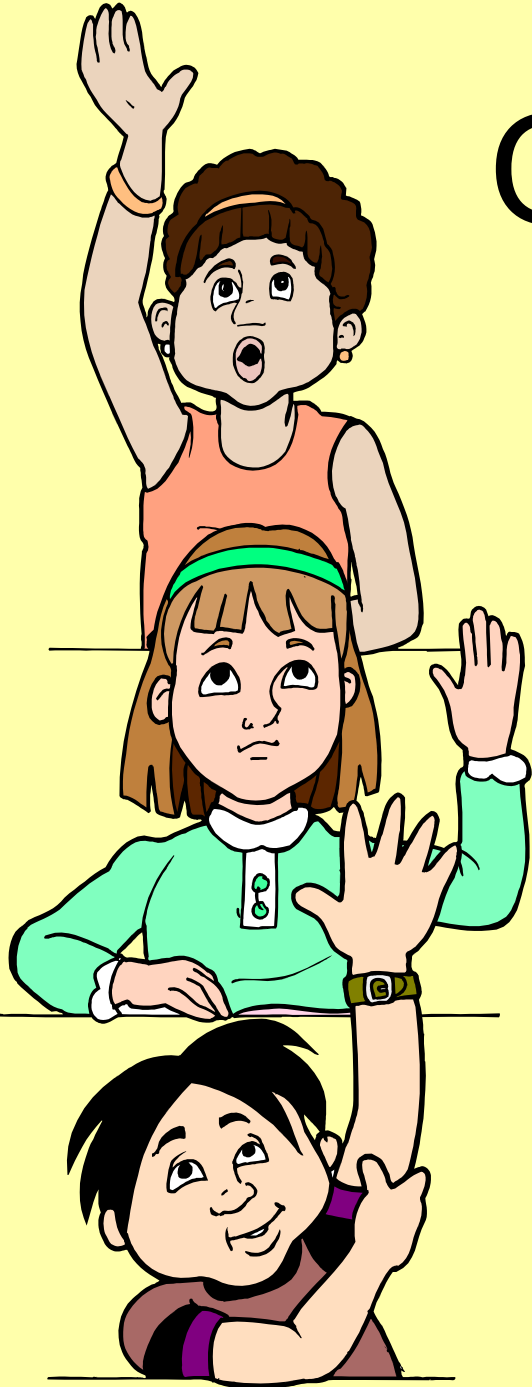
Improved Process Efficiency

Inventory Controls

Good

**Housekeeping/Preventative
Maintenance**

Guess that P2 Technique!!!





Equipment Change





The MRICD histology lab recycles ethanol using a distillation unit.



EDSI replaced its solvent degreasers with aqueous parts washers.



Digital Photography/ X-Ray

- ATC
- DSHE
- ECBC
- KUSAHC and DENTAC





Bio-
fuel is
a great
idea!!

Material Substituti on



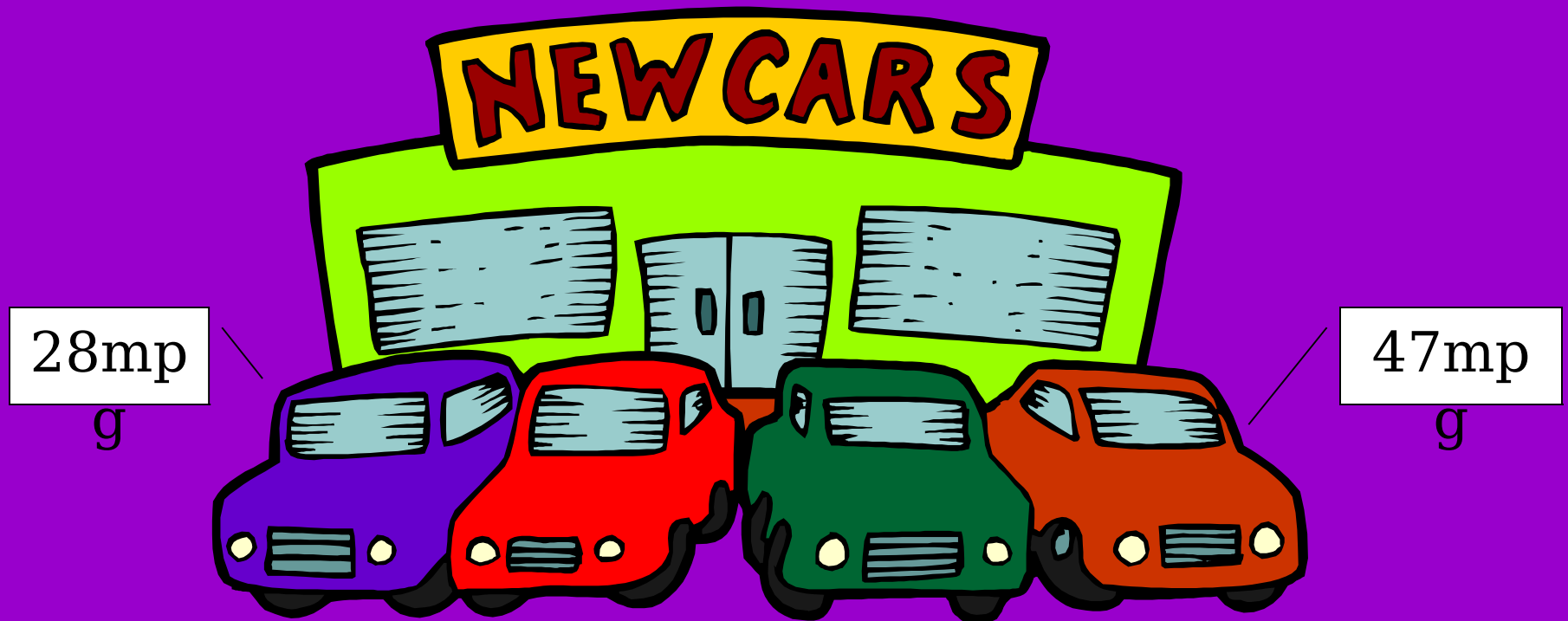


This white picket fence by Bldg. 1320 is made out of plastic lumber.



EDSI replaced aerosol solvents with compressed air sprayers and citrus-based cleaners for cleaning and degreasing.

Improved Process Efficiency



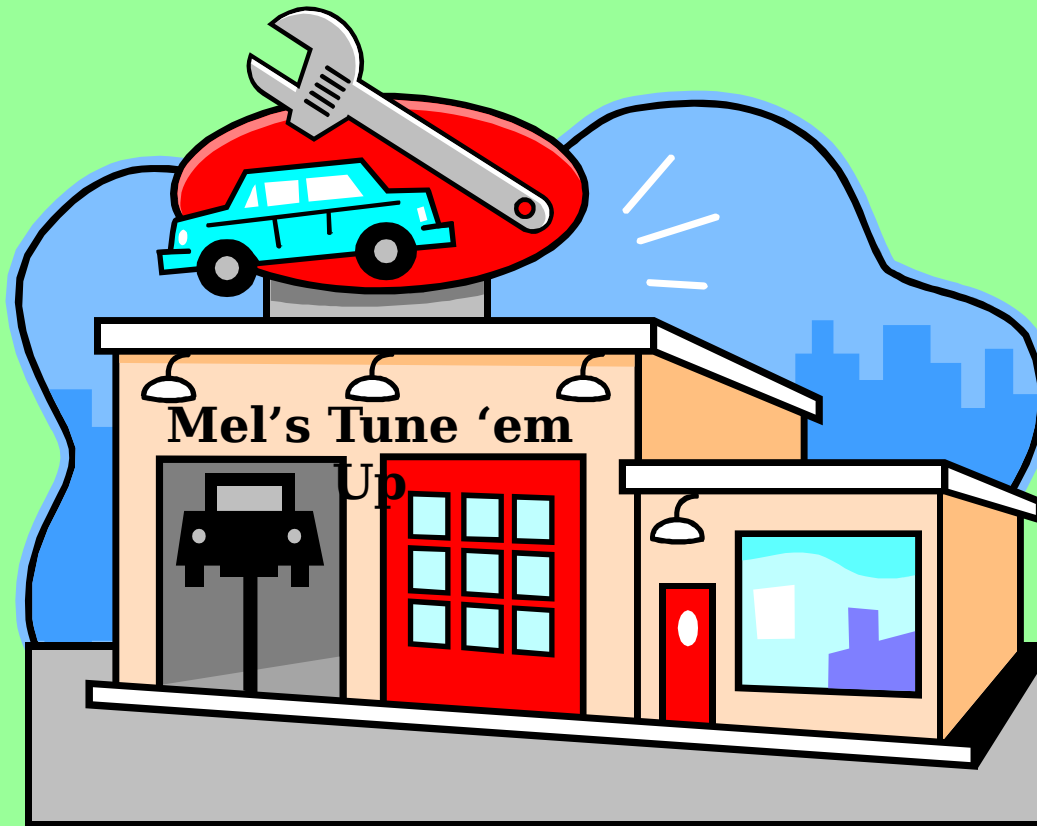


The golf course uses Integrated Pest Management and Best Management techniques to save money and prevent pollution.

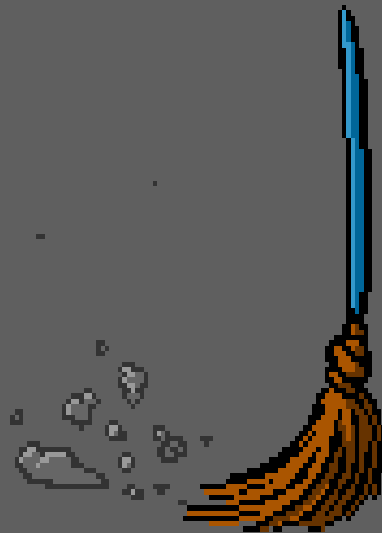


APG labs prevent pollution by using equipment like this automatic pipetter.

Good Housekeeping/ Preventative Maintenance

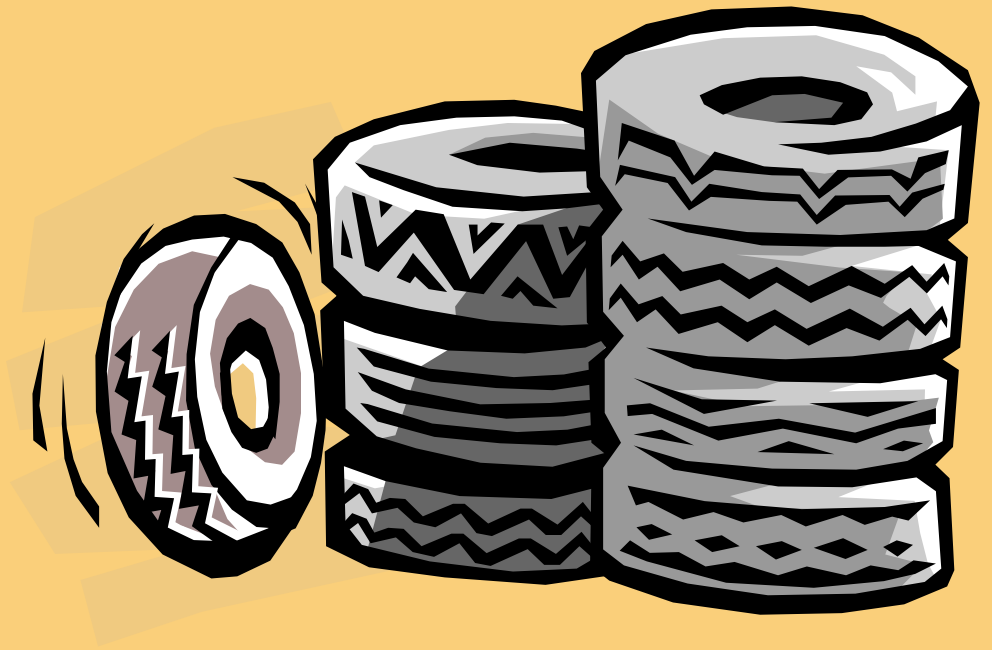


- Reduced opportunities for accidents
 - proper labels
 - organized
- Preventative maintenance



Material Reuse

**Retread
Tires**



Inventory Controls



The hazardous material barcode color changes every year.

| Barcode# | Year Barcoded |
|----------|------------------|
| 1A010000 | 2001 |
| 2A010000 | 2002 |
| 3A010000 | 2003 |

Put Your Inventory In Order

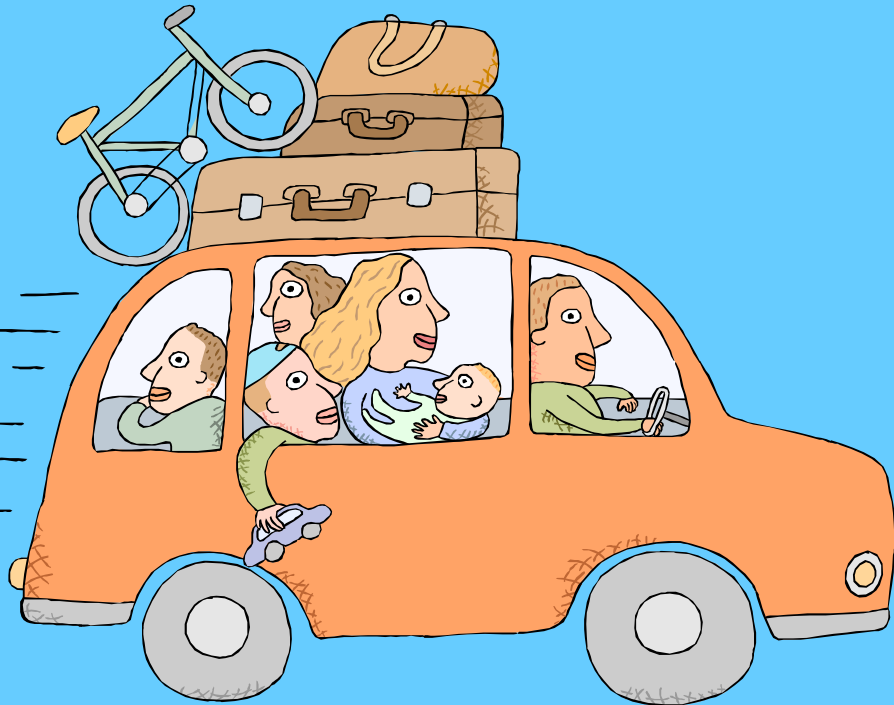
HAZMART/HITS
hotline
1-410-436-7480

2005
2004
2003
2002
2001
2000
1999
1998
1997
1996-1997
1996

AP₂G
Pollution
PREVENTION

**Move hazardous materials with
oldest BARCODES to the front**

Policy/Procedural Change





APG has an Environmentally Preferable Paint Policy.

Aberdeen Conserves Energy (ACE)

- Initiated in 1997
- Compressed work schedule
- Holiday closings
- \$1 million/year savings



Central storage/distribution points for hazardous materials

- ARL
- ATC
- OC&S





DSHE Pollution Prevention Program

DSHE P2 Program

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<http://www.apg.army.mil/apghome/sites/directorates/AP2G/index.htm>